Amendment to the Claims:

This listing of the claims will replace all prior versions and listings of claims in the application. Claims 43, 46-51, and 54-56 are amended herein. Claims 1-34, 36-37, 44-45, and 52-53 remain canceled herein. No new claims are added.

Listing of Claims:

1-34. (Canceled).

35. (Previously Presented) A method in an application server, comprising:

receiving a Web service archive including:

a Web service implementation having a plurality of Web service operations and a plurality of Web service parameters, the Web service operations and Web service parameters being independent of runtime implementation requirements of the application server,

a Web service deployment descriptor specifying a mapping of the Web service operations and Web service parameters to the runtime implementation requirements of the application server, and

a first and second virtual interface, each to selectively expose a different subset of the Web service operations and the Web service parameters in the Web service implementation, wherein each of the first and second virtual interfaces are publishable as a separate deployed Web service;

unpacking the Web service implementation, the Web service deployment descriptor, and the first

and second virtual interfaces from the Web service archive into a directory within the

application server; and

deploying each of the first and second virtual interfaces as separately published Web services

within the application server based on the mapping specified by the Web service

deployment descriptor.

36-37. (Canceled).

38. (Previously Presented) The method of claim 35, further comprising registering each of the

deployed Web services with a Web services registry on the application server.

39. (Previously Presented) The method of claim 38, wherein registering each of the deployed

Web services comprises automatically registering each of the deployed Web services

with a Java Naming and Directory Interface (JNDI) of the application server.

40. (Previously Presented) The method of claim 35, wherein deploying each of the first and

second virtual interfaces as separately published Web services within the application

server comprises deploying the plurality of Web service operations and the plurality of

Web service parameters in a Web services container of the application server.

41. (Previously presented) The method of claim 40, wherein the Web services container

comprises a dedicated implementation container.

42. (Previously presented) The method of claim 41, wherein the dedicated implementation

container comprises an Enterprise Java Bean (EJB) container or a servlet container.

43. (Currently amended) A ~~computer~~ system-readable medium having instructions stored thereon

that, when executed by a processor in an application server, causes the application server

to perform a method comprising:

receiving a Web service archive including:

a Web service implementation having a plurality of Web service operations and a

plurality of Web service parameters, the Web service operations and Web service

parameters being independent of runtime implementation requirements of the

application server,

a Web service deployment descriptor specifying a mapping of the Web service operations

and Web service parameters to the runtime implementation requirements of the

application server, and

a first and second virtual interface, each to selectively expose a different subset of the

Web service operations and the Web service parameters in the Web service

implementation, wherein each of the first and second virtual interfaces are

publishable as a separate deployed Web service;

unpacking the Web service implementation the Web service deployment descriptor, and the first

and second virtual interfaces from the Web service archive into a directory within the

application server; and

deploying each of the first and second virtual interfaces as separately published Web services

within the application server based on the mapping specified by the Web service

deployment descriptor.

44-45. (Canceled).

46. (Currently amended) The ~~computer~~ system-readable medium of claim 43, wherein the

method further comprises registering each of the deployed Web services with a Web

services registry on the application server.

47. (Currently amended) The ~~computer~~ system-readable medium of claim 46, wherein

registering each of the deployed Web services comprises automatically registering each

of the deployed Web services with a Java Naming and Directory Interface (JNDI) of the application server.

48. (Currently amended) The ~~computer~~ system-readable medium of claim 43, wherein deploying each of the first and second virtual interfaces as separately published Web services within the application server comprises deploying the plurality of Web service operations and the plurality of Web service parameters in a Web services container of the application server

49. (Currently amended) The ~~computer~~ system-readable medium of claim 48, wherein the Web services container comprises a dedicated implementation container.

50. (Currently amended) The ~~computer~~ system-readable medium of claim 49, wherein the dedicated implementation container comprises an Enterprise Java Bean (EJB) container or a servlet container.

51. (Currently amended) An application server~~, comprising:~~ to receive ~~means for receiving~~ a Web service archive ~~including~~ comprising:

a Web service implementation having a plurality of Web service operations and a plurality of Web service parameters, the Web service operations and Web service parameters being independent of runtime implementation requirements of the application server,

a Web service deployment descriptor ~~having means for specifying~~ to specify a mapping of the Web service operations and Web service parameters to the runtime implementation requirements of the application server, and

a first and second virtual interface, each ~~having means~~ to selectively expose a different subset of the Web service operations and the Web service parameters in the Web

service implementation, wherein each of the first and second virtual interfaces are

publishable as a separate deployed Web service;

wherein the application server to unpack ~~means for unpacking~~ the Web service implementation,

the Web service deployment descriptor, and the first and second virtual interfaces from

the Web service archive into a directory within the application server; and

wherein the application server to further deploy ~~means for deploying~~ each of the first and second

virtual interfaces as separately published Web services within the application server

based on the mapping specified by the Web service deployment descriptor.

52-53. (Canceled).

54. (Currently amended) The application server of claim 51, wherein the application server to

further ~~comprising means for registering~~ register each of the deployed Web services with

a Web services registry on the application server.

55. (Currently amended) The application server of claim 54, wherein registering each of the

deployed Web services comprises the application server to ~~means for~~ automatically

~~registering~~ register each of the deployed Web services with a Java Naming and Directory

Interface (JNDI) of the application server.

56. (Currently amended) The application server of claim 51, wherein deploying each of the first

and second virtual interfaces as separately published Web services within the application

server comprises the application server to deploy ~~means for deploying~~ the plurality of

Web service operations and the plurality of Web service parameters in a Web services

container of the application server.

57. (Previously presented) The application server of claim 56, wherein the Web services

container comprises a dedicated implementation container.

58. (Previously presented) The application server of claim 57, wherein the dedicated

implementation container comprises an Enterprise Java Bean (EJB) container or a servlet

container.